**Supplementary file 2**

**Results of the phylogenetic regression using the *phylolm* and *miInference* functions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effect | Name | Effect | SE | t value (df) |
|  |  |  |  |  |
| Fixed | Intercept | -0.91553 | 1.6476 | -0.556 (1776.3) |
| Fixed | log10(range size) | 0.022645 | 0.092832 | 0.244 (99.6) |
|  |  |  |  |  |